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651/733 1500

PATENT

Docket No.  
56073US002

RECEIVED  
MAY 20 2002  
TECHNOLOGY CENTER 2882

Amendment Transmittal Letter

Commissioner for Patents  
Washington, DC 20231

Inventor(s): Hsin-Hsin Chou and Robert S. Moshrefzaden  
Application No. 09/705,203 Group Art Unit: 2882  
Filed: November 2, 2000 Examiner: Chih Cheng G. Kao  
Title: BRIGHTNESS AND CONTRAST ENHANCEMENT OF DIRECT VIEW EMISSIVE DISPLAYS

- ☒ Enclosed is an amendment in the above-identified application.  
☒ The fee for this amendment is computed as follows:

| Claims As Amended   |   |       |  |                         |             |                       |
|---|---|-------|--|-------------------------|-------------|-----------------------|
| (1)   | (2)<br>Claims<br>Remaining After<br>Amendment | (3)   | (4)<br>Highest No.<br>Previously<br>Paid For | (5)<br>Present<br>Extra | (6)<br>Rate | (7)<br>Additional Fee |
| Total<br>Claims   | 21  | Minus | ** 20  | = 1                     | x \$18.00   | = \$18.00             |
| Independent<br>Claims   | 5   | Minus | *** 3  | = 2                     | x \$84.00   | = \$168.00            |
| Additional fee for filing one or more multiple dependent claims, if no such fee<br>has been previously paid |   |       |  |                         | \$280.00    | \$                    |
| Total Additional Fee For This<br>Amendment →  |   |       |  |                         |             | \$182.00              |

\*\* If the "Highest No. Previously Paid For" in this space would be less than 20, write "20" in this space.

\*\*\* If the "Highest No. previously Paid For" in this space would be less than 3, write "3" in this space.

- ☒ Please charge to Deposit Account 13-3723 any fees under 37 CFR 1.16 and 1.17 which may be required during the entire pendency of this application. This authorization includes the fee for any extension of time under 37 CFR 1.136(a) that may be necessary. To the extent any such extension should become necessary it is hereby requested.

|                     |                  |
|---------------------|------------------|
| Registration Number | Telephone Number |
| 41,622              | 651-736-3366     |
| Date                |                  |
| May 7, 2002         |                  |

Respectfully submitted,

|                    |
|--------------------|
| Signature          |
| <i>B. E. Black</i> |
| Printed Name       |
| Bruce E. Black     |

| Certificate of Mailing  |                             |
|---|-----------------------------|
| Pursuant to 37 CFR 1.8 I certify that this correspondence is being deposited on the date indicated below with the United States Postal Service as First Class Mail addressed to: Commissioner for Patents, Washington, DC 20231 |                             |
| Date of Deposit   | Signature                   |
| May 7, 2002   | <i>Sherri K. W. Johnson</i> |
|   | Printed Name                |
|   | Sherri K. W. Johnson        |

USSN: 09/705,203

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Hsin-Hsin Chou and Robert S. Moshrefzaden

Serial No.: 09/705,203

Group Art Unit: 2882

Filed: November 2, 2000

Examiner: Chih Cheng G. Kao

For: BRIGHTNESS AND CONTRAST ENHANCEMENT OF DIRECT VIEW  
EMISSIVE DISPLAYS

*Handwritten notes and signatures:*  
1/5/02  
Jh

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on:

*May 7, 2002*

*Signature*

Date

Signature

AMENDMENT UNDER 37 C.F.R. § 1.111

Commissioner for Patents  
Washington, DC 20231

Dear Sir:

In response to the Official Action dated February 13, 2002, please amend the application as follows:

In the Specification:

On page 7, please amend the following paragraph starting on line 8 and ending on line 21:

Fig. 2 can be used to exemplify concepts of light trapping in an emissive display device. Without loss of generality, Fig. 2 shows an emissive display 210 that includes, for example, an OLED device 212 disposed on a glass substrate 220. OLED device 212 includes an organic emitter layer 214, a transparent anode 216, and a cathode 218. The space between the display 210 and the viewer is air in this example. Organic emitter 214 can be approximated as an isotropic light source, with light being emitted over a wide range of angles. Cathode 218 is typically reflective so that light emitted toward the back of the display 210 can be redirected forward. Glass substrate 220 has a higher index of refraction than air (refractive index of air is about 1, and a typical refractive index of glass is about 1.5), and transparent anode 216 typically has a higher index of refraction than glass substrate 220.

*Handwritten mark:* a1

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12 09/705,203 133.00 CA ✓